

AF 2700

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Nobuyuki ISHIWATA et al

Serial No. 09/204,222

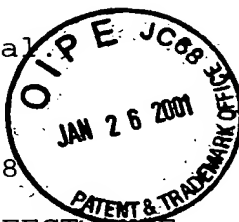
Filed December 3, 1998

MAGNETO-RESISTANCE EFFECT TYPE
COMPOSITE HEAD AND PRODUCTION
METHOD THEREOF

BOX AF

GROUP 2652

Examiner W. Klimowicz



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AMENDMENT AFTER FINAL REJECTION

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JAN 30 2001

Technology Center 2600

Commissioner for Patents

Washington, D.C. 20231

Sir:

Responsive to the Official Action of October 31, 2000, please amend the above-identified application as follows:

IN THE CLAIMS:

Claim 4, line 3, change "film" to --layer--.

Claim 5, line 3, change "film" to --layer--.

Claim 13, line 9, change "agroup" to --a group--.

Claim 21, line 25, change "pole" to --pole layer--.

Amend claim 22 as follows:

--22. (amended) A magneto-resistance effect element [comprising:

a center region including a ferromagnetic tunnel junction magneto-resistance effect film (hereinafter, referred to as a TMR film) having a tunnel barrier layer provided between a first ferromagnetic layer and a second ferromagnetic layer; and

C/
cont